

Abstract

An antenna apparatus in which a combination of rectangular waveguides 9a and 10a and a combination of rectangular waveguides 9b and 10b are disposed bilateral
5 symmetrically to each other, and a waveguide orthomode transducer 13 is disposed above a waveguide orthomode transducer 8 is provided. Therefore, the profile of the antenna apparatus can be reduced and the stability of installation of the antenna apparatus can be improved without impairing the
10 electric characteristics of the antenna apparatus. Since the antenna apparatus has a bilateral symmetric structure, it excels in weight balance and offers stable performance from the viewpoint of mechanism.